

DATA REPEATER EQUIPMENT HAVING BANDWIDTH CONTROL
FUNCTION, AND BANDWIDTH MANAGING APPARATUS

ABSTRACT OF THE DISCLOSURE

A data repeater equipment which is capable of automatically setting ideal bandwidths that match the traffic amount, without requiring human work, and capable of setting bandwidths that are compatible between a plurality of data repeater equipment. This includes: a traffic amount holding unit for holding the traffic amount measured at every short-term period; and a bandwidth adjusting unit for calculating an average traffic amount at every long-term period based on the measured traffic amount, comparing a bandwidth value corresponding to this calculated average traffic amount with a first preset bandwidth value, thereby to obtain a difference between the two values, and re-setting the first preset bandwidth value to a second preset bandwidth value that minimizes this difference. The data repeater equipment further includes an alteration request unit for altering a preset bandwidth value, and this alteration request unit communicates with a bandwidth determination managing apparatus to make request and obtain permission to alter the preset bandwidth value.

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